

Message

From: Odusote, Gloria [odusote.gloria@epa.gov]
Sent: 5/14/2021 6:05:43 PM
To: Dawson, Jeffrey [Dawson.Jeff@epa.gov]
Subject: FW: FYI- Today's PFAS in Plastics 4 pm OPP/OPPT/OECA Meeting -

From: Garvey, Mark <Garvey.Mark@epa.gov>
Sent: Tuesday, May 11, 2021 5:00 PM
To: Miles, James <miles.james@epa.gov>; Rodman, Sonja <Rodman.Sonja@epa.gov>; Odusote, Gloria <odusote.gloria@epa.gov>
Cc: Bellot, Michael <Bellot.Michael@epa.gov>; Teter, Royan <Teter.Royan@epa.gov>
Subject: FYI- Today's PFAS in Plastics 4 pm OPP/OPPT/OECA Meeting -

Dan Helfgott & Clive Davies in Data Gathering Branch for OPPT

HELFGOTT—OPPT Contacted 5 manufacturers of cleaners and personal product containers including P&G.

--They all said either HDPE fluoro treated plastic is not used or no longer used for these products.

-- Only 5% of market is HDPE and only 1% are fluorinated according to hearsay (he means anecdote).

DAVIES- reinforced the idea this is a small specialty market. The fluorination treatment is viewed as not environmentally friendly so it is an old technology that is going away.

As a follow-up Dan Helfgott said we need market data to see where the companies are selling plastics with fluorinated gas treatment.

And Clive Davies said while it seems to be a downward slope on personal products, it's probably used quite a bit on automotive fluids containers.

They both agreed this appeared to be a smaller use than previously thought.

MEANWHILE—This is what's on the web about HDPE-



TheBottleGuide
your guide to bottles & jars...

[Click Here for Recommended Plastic Bottle Suppliers](#)
According to TheBottleGuide.com

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What are HDPE Plastic Bottles and their common uses?



HDPE

The majority of plastic bottles utilize HDPE resins because they are inexpensive, impact & chemical resistant, and provide superior moisture barriers. HDPE is mostly used in the creation of milk and juice bottles but due to its chemical resistant properties, it can also be used to hold household chemicals and detergents. Pigmented or colored HDPE bottles have an enhanced fracture resistant property.

Properties of HDPE Plastic Bottles

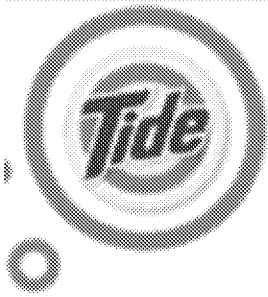
- Excellent resistance to most solvents
- Higher tensile strength compared to other forms of polyethylene
- Relatively stiff material with useful temperature capabilities

Common Uses for HDPE Plastic

- Milk
- Water
- Juice
- Cosmetics
- Shampoo
- Laundry Detergents
- Household Cleaners
- Grocery Bags
- Cereal Box Liners

HDPE plastics are also used in injection molding applications, extruded pipe

And P&G Consumer Support Site says this:



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Is Tide packaging recyclable?

Liquid

- The bottles are recyclable if there is a recycler in your area that takes this type of plastic.
- The bottles are made with at least 25% post-consumer recycled plastic.
- The bottles are composed of HDPE (25% high density polyethylene).

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